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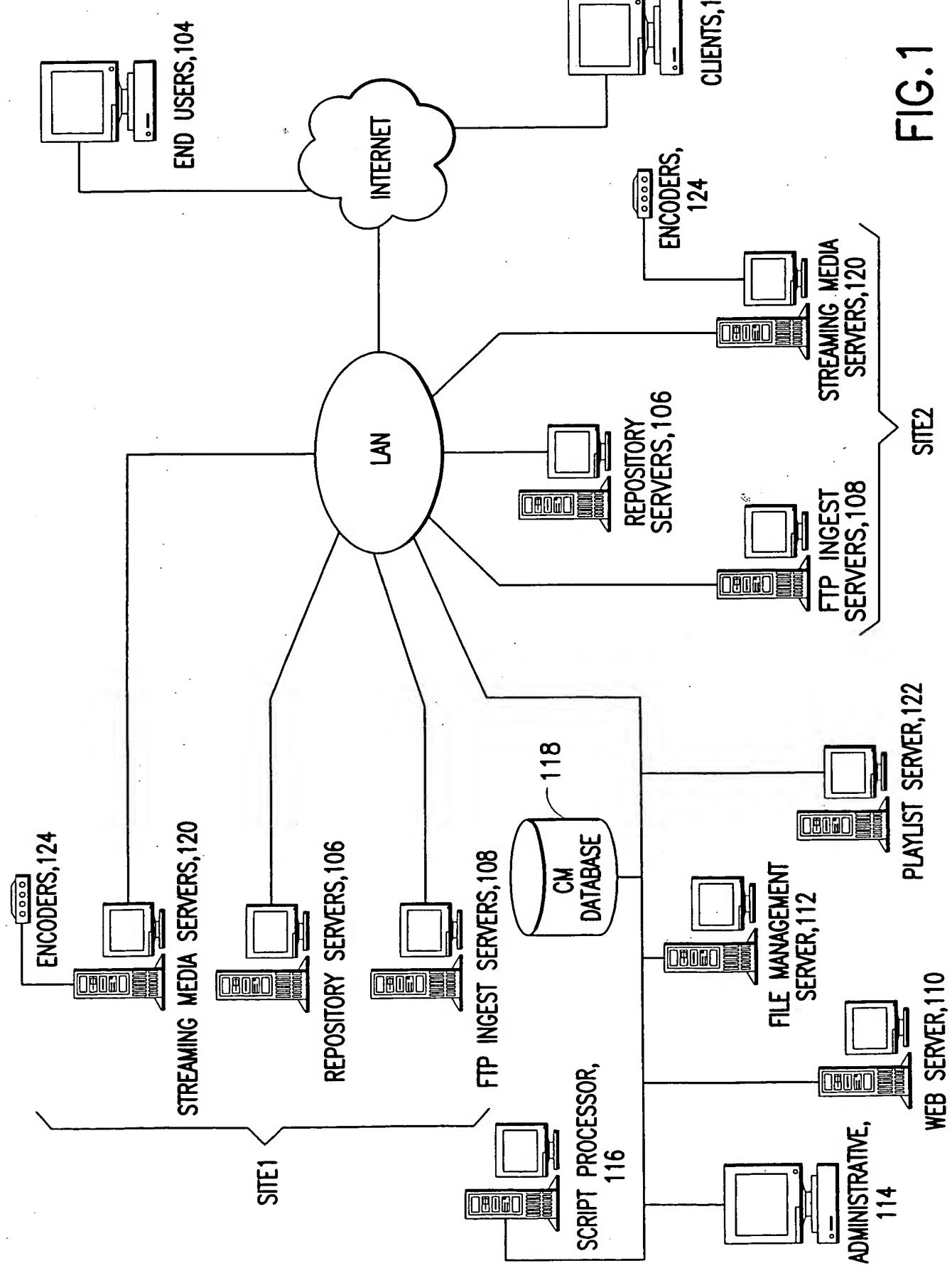
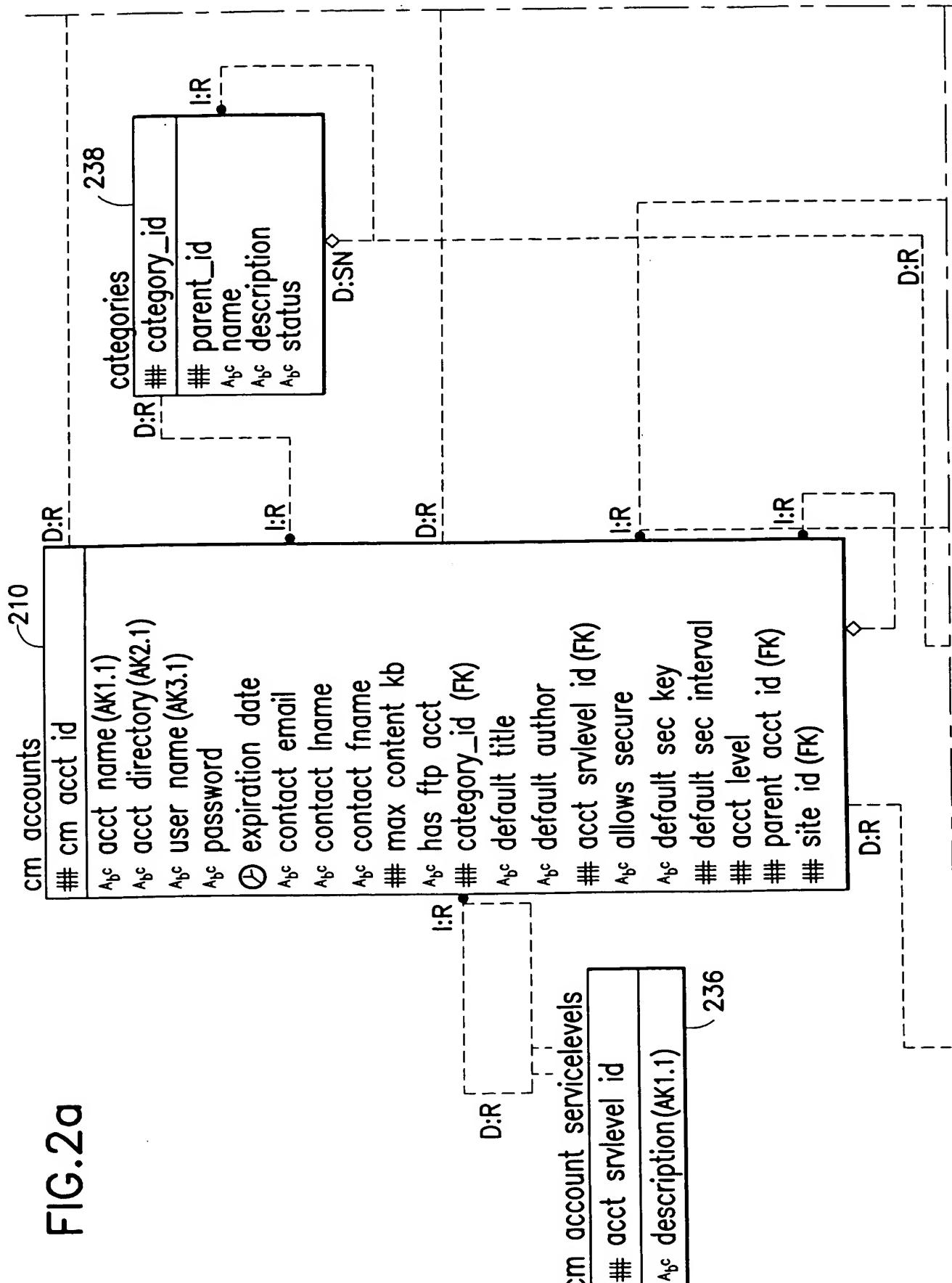


FIG. 1

FIG2

FIG.2a



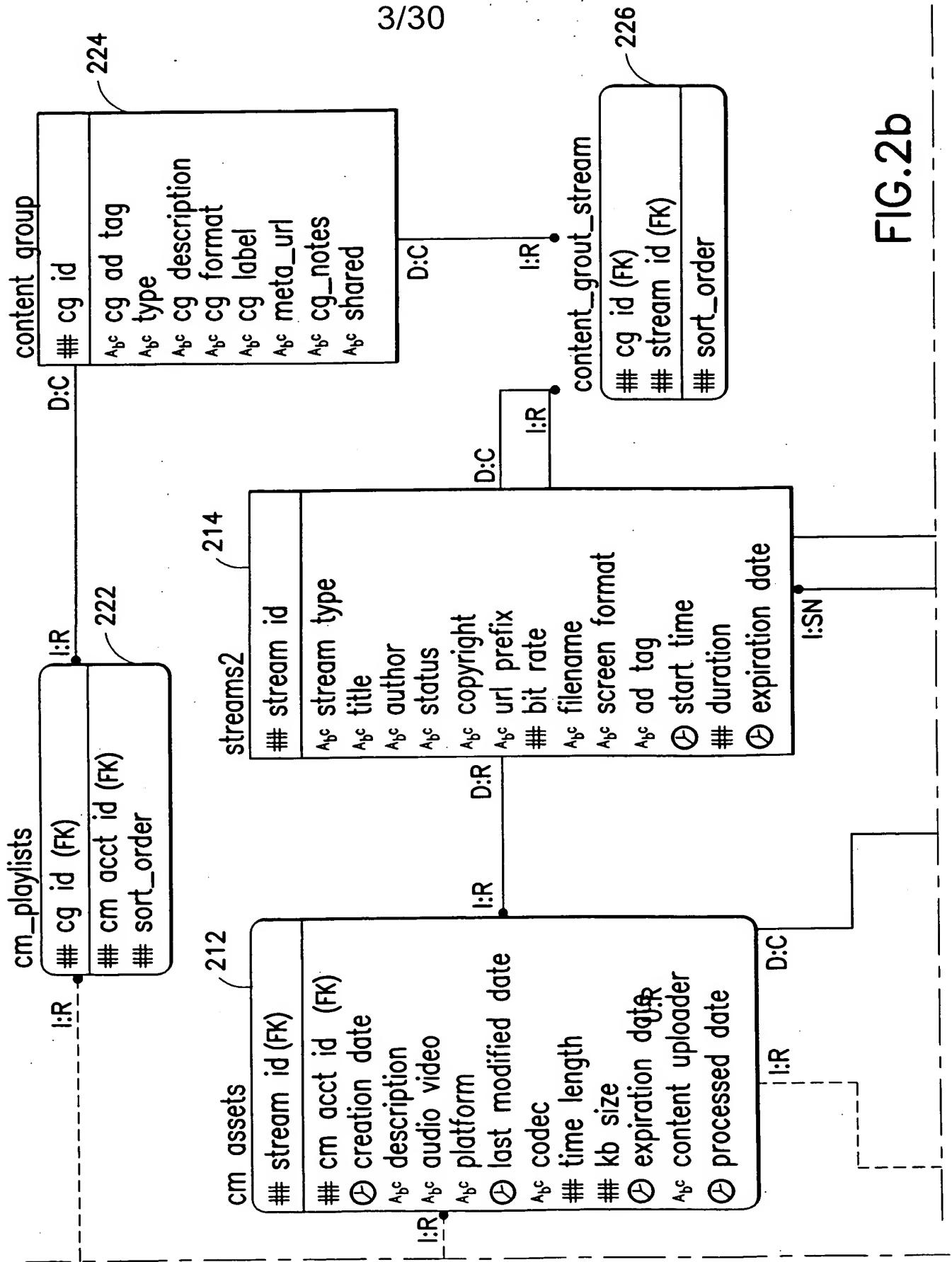


FIG.2b

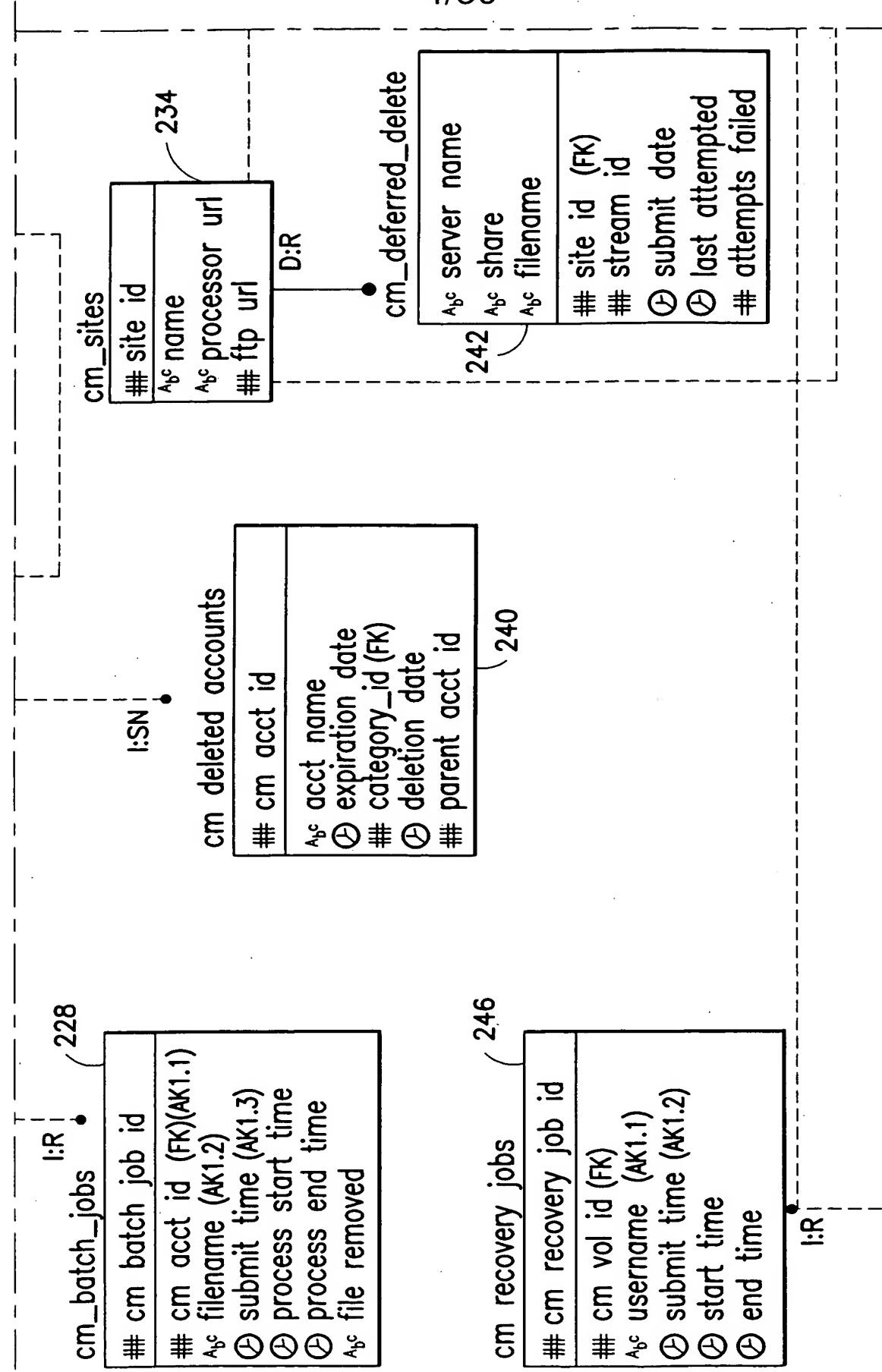


FIG.2c

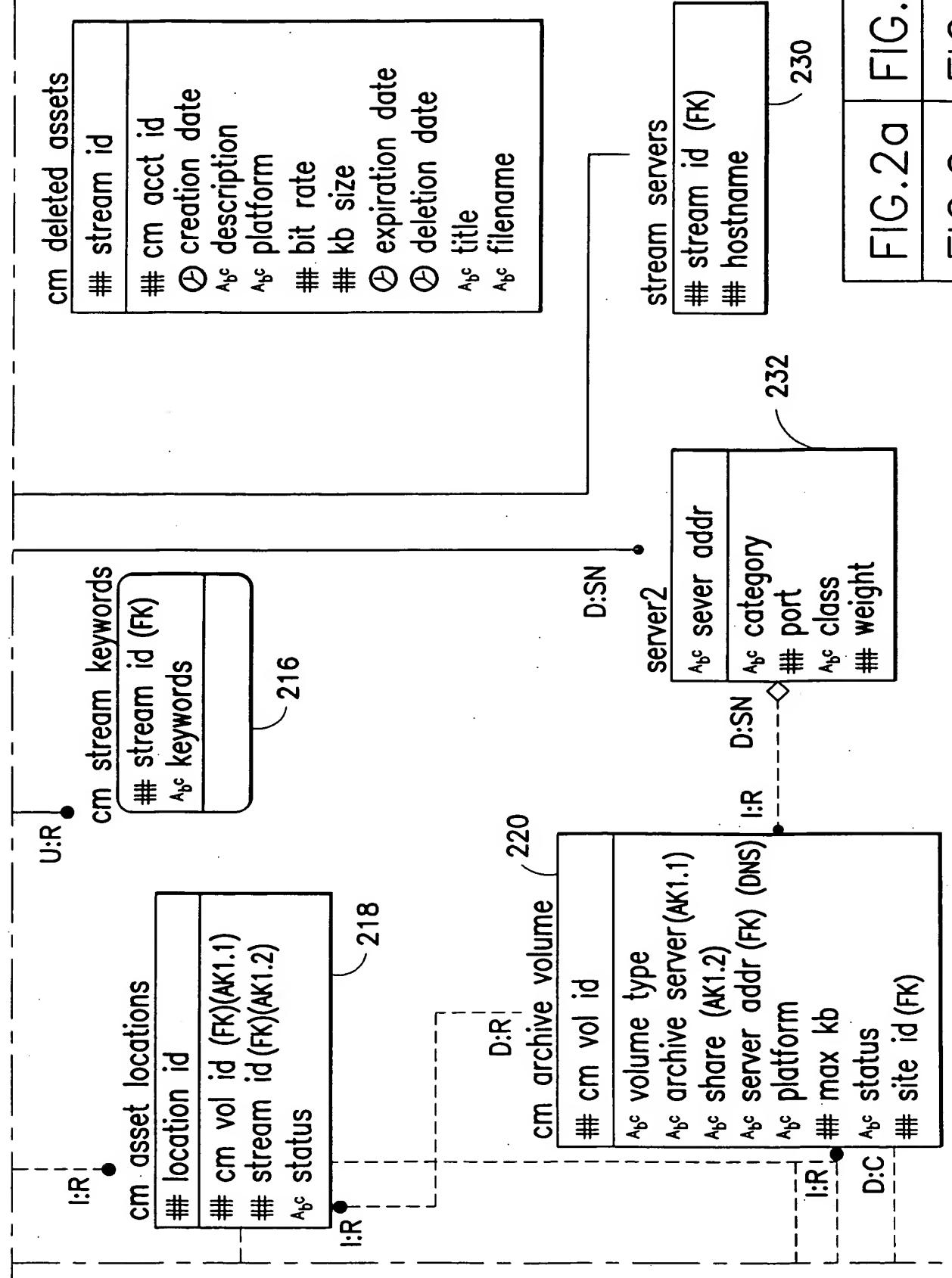


FIG.2d

FIG.2

FIG.2a FIG.2b

FIG.2c FIG.2d

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Content Management 302
MANAGE CONTENT / ADMIN
ACCOUNT PREFERENCE | LOG OFF

testuser

Account Preferences

Default Title: 304

Default Author:

Default Security Key:

Default Security Interval:

Hours: Minutes:

FIG. 3a

Content Management

MANAGE CONTENT / ADMIN
UPLOAD NEW CONTENT

| BROWSE FTP CONTENT | BATCH UPLOADS | PLAYLISTS | SEARCH | RECYCLE

testuser

306

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Upload Content Form

- Media File:
- Bitrate (Kbps):
- Title:
- Author:

BROWSE

Description:

Keywords:

Current Keywords:

Secure Content?

Security Key:

Security Interval:

Hours: Minutes:

Upload Content

FIG.3b

Content Management
MANAGE CONTENT / ADMIN
UPLOAD NEW CONTENT

testuser

BROWSE | FTP CONTENT | BATCH UPLOADS | PLAYLISTS | SEARCH | RECYCLE

FTP Upload Contents: \test

308

File Name	Creation Time	Size
100	10/9/00 12:10	0.0 KB
28	10/9/00 12:10	0.0 KB
288 Test	10/9/00 12:10	0.0 KB
300	10/9/00 12:10	0.0 KB
56	10/9/00 12:10	0.0 KB
bturner_28	10/9/00 12:10	0.0 KB
ChildTest	11/29/00 04:13	0.8 KB
DO NOT DELETE	12/15/00 12:41	270.7 MB
Real	10/9/00 12:10	0.0 KB
SyedBatchUpload	10/9/00 12:10	0.0 KB
SyedsDirDontDelete	12/15/00 01:09	51.5 MB
.dsx	1/16/01 15:13	0.1 KB
Copy of test.asf	1/16/01 15:13	0.7 MB
demo.asf	1/16/01 15:13	0.2 MB
File13.rm	10/9/00 12:10	10.0 KB
File131.rm	10/9/00 12:10	10.0 KB
File133.rm	10/9/00 12:10	10.0 KB
File134.rm	10/9/00 12:10	10.0 KB
File135.rm	10/9/00 12:10	10.0 KB
File136.rm	10/9/00 12:10	10.0 KB
File137.rm	10/9/00 12:10	10.0 KB

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FIG.3C

Content Management
MANAGE CONTENT / ADMIN
UPLOAD NEW CONTENT

BROWSE FTP CONTENT | BATCH UPLOADS | PLAYLISTS | SEARCH | RECYCLE

testuser

Batch Uploads

Available Batch Files

File Name

<input type="checkbox"/>	1-100.bul
<input type="checkbox"/>	101-200.bul
<input type="checkbox"/>	26-anthony.bul
<input type="checkbox"/>	BillDefault.txt
<input type="checkbox"/>	BillsSmBatch.txt

PROCESS

DELETE

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Creation Time

10/9/00 12:10	7.9 KB	<input type="checkbox"/>
10/9/00 12:10	8.1 KB	<input type="checkbox"/>
10/9/00 12:10	0.1 KB	<input type="checkbox"/>
10/6/00 10:38	0.1 KB	<input type="checkbox"/>
1/18/01 12:28	0.3 KB	<input type="checkbox"/>

Batch File	Submit Time	Process Start Time	End Time
BillDefault.txt	11/15/00 10:26:51 AM	11/16/00 4:13:02 AM	11/16/00 4:13:07 AM
SyedTest 20001116.bul	11/16/00 4:44:11 AM	11/16/00 4:53:00 AM	
316 100 RM Files.bul	1/18/01 5:27:50 AM	1/18/01 5:39:22 AM	1/18/01 5:46:45 AM
100 WM Files.bul	1/18/01 5:27:50 AM	1/18/01 5:46:45 AM	1/18/01 5:53:59 AM
10RMfiles.bul	1/18/01 8:16:06 AM	1/18/01 8:20:01 AM	1/18/01 8:21:19 AM
10WMFiles.bul	1/18/01 8:16:08 AM	1/18/01 8:21:19 AM	1/18/01 8:22:22 AM

Batch Process Summary

Batch File	Submit Time	Process Start Time	End Time
BillDefault.txt	11/15/00 10:26:51 AM	11/16/00 4:13:02 AM	11/16/00 4:13:07 AM
SyedTest 20001116.bul	11/16/00 4:44:11 AM	11/16/00 4:53:00 AM	
316 100 RM Files.bul	1/18/01 5:27:50 AM	1/18/01 5:39:22 AM	1/18/01 5:46:45 AM
100 WM Files.bul	1/18/01 5:27:50 AM	1/18/01 5:46:45 AM	1/18/01 5:53:59 AM
10RMfiles.bul	1/18/01 8:16:06 AM	1/18/01 8:20:01 AM	1/18/01 8:21:19 AM
10WMFiles.bul	1/18/01 8:16:08 AM	1/18/01 8:21:19 AM	1/18/01 8:22:22 AM

FIG.3d

testuser

Content Management

MANAGE CONTENT/ADMIN | BROWSE FTP CONTENT | BATCH UPLOADS | PLAYLISTS | SEARCH | RECYCLE

Current Playlists:

ChrisBinney1 (RAM)
Comdex Trailer (RAM)
Comdex Trailer 2 (RAM)
First Demo Playlist for Asia (ASX)
GSyed (RAM)
Josh example (RAM)
KhalidTest (ASX)
New Clips1 (RAM)

Search Playlists:

Search

Playlist ID:

Description:

Format

318

320

FIG.3e

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Content Management
MANAGE CONTENT/ADMIN | BROWSE FTP CONTENT | UPLOAD NEW CONTENT | BATCH UPLOADS | PLAYLISTS | SEARCH | RECYCLE

Current Playlists:

ChrisBinney1 (RAM)
Comdex Trailer (RAM)
Comdex Trailer 2 (RAM)
First Demo Playlist for Asia (ASX)
GSyed (RAM)
Josh example (RAM)
KhalidTest (ASX)
New Clips1 (RAM)

318 →

Edit Playlest: ChrisBinney1 (ID=853031) ↗ 322
http://playlist.broadcast.com/makeplaylist.dll?ID=853031 ↗ 328

• Description:
• Content Format: RAM

324

Streams List

Search Playlists: ↗ 320

Playlist ID:
Description:
Format:

Streams: ↗ 326

326

FIG. 3f

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Content Management

MANAGE CONTENT/ADMIN | BROWSE FTP CONTENT | BATCH UPLOADS | PLAYLISTS | SEARCH | RECYCLE

testuser

BROWSE

Search Content:

330 {

Title: I.D.
Author: Creation Date: (i.e. 4/2/2000)
Key Words: Duration: (Enter values in
minutes)

Display Results as XML? Show Child Account Content?

FIG. 3g

Content Management

[MANAGE CONTENT/ADMIN](#) | [BROWSE FTP CONTENT](#) | [UPLOAD NEW CONTENT](#)

testuser

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Browse Content:		<input type="button" value="BROWSE"/>		<input type="button" value="CREATE PLAYLIST"/>		<input type="button" value="DELETE"/>	
Title:	<input type="text"/>	I.D.	<input type="text"/>	Creation Date:	<input type="text"/> = <input type="button" value="▼"/> <input type="text"/> (i.e. 4/2/2000)	File Size	<input type="text"/>
Author:	<input type="text"/>	Duration:	<input type="text"/> = <input type="button" value="▼"/> <input type="text"/> (Enter values in minutes)	Creation Date	<input type="text"/>	Status	<input type="text"/>
Key Words:		<input type="checkbox"/> Show Child Account Content? <input type="checkbox"/>		<input type="checkbox"/> Display Results as XML? <input type="checkbox"/>			
Browse Content:		<input type="checkbox"/> Show Child Account Content? <input type="checkbox"/>		<input type="checkbox"/> Create Playlist		<input type="checkbox"/> Delete	
Search Results:		<input type="checkbox"/> Show Child Account Content? <input type="checkbox"/>		<input type="checkbox"/> Create Playlist		<input type="checkbox"/> Delete	
ID	Title	Type	Description	Creation Date	File Size		
<input type="checkbox"/> 793735	<u>Steve's Test</u>	WMT		11/1/00 2:69 PM	172 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted
<input type="checkbox"/> 943435	<u>ASF Upload Test</u>	WMT		12/8/00 10:57 AM	1.034 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted
<input type="checkbox"/> 943436	<u>ASF Upload 2</u>	WMT		12/8/00 10:57 AM	127 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted
<input type="checkbox"/> 943437	<u>ASF Upload 3</u>	WMT		12/8/00 10:58 AM	127 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted
<input type="checkbox"/> 943439	<u>ASF Upload 4</u>	WMT		12/8/00 10:58 AM	127 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted
<input type="checkbox"/> 943441	<u>ASF Upload x</u>	WMT		12/8/00 10:58 AM	127 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted
<input type="checkbox"/> 944032	<u>Upload Test Title</u>	G2		12/8/00 2:44 PM	10 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted
<input type="checkbox"/> 944036	<u>Upload Test Title</u>	G2		12/8/00 2:45 PM	10 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted
<input type="checkbox"/> 944503	<u>Upload Test Title</u>	WMT		12/8/00 5:26 PM	172 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted
<input type="checkbox"/> 944510	<u>Upload Test Title</u>	G2		12/8/00 5:33 PM	10 KB	<input type="checkbox"/> Available	<input type="checkbox"/> Deleted

FIG. 3h

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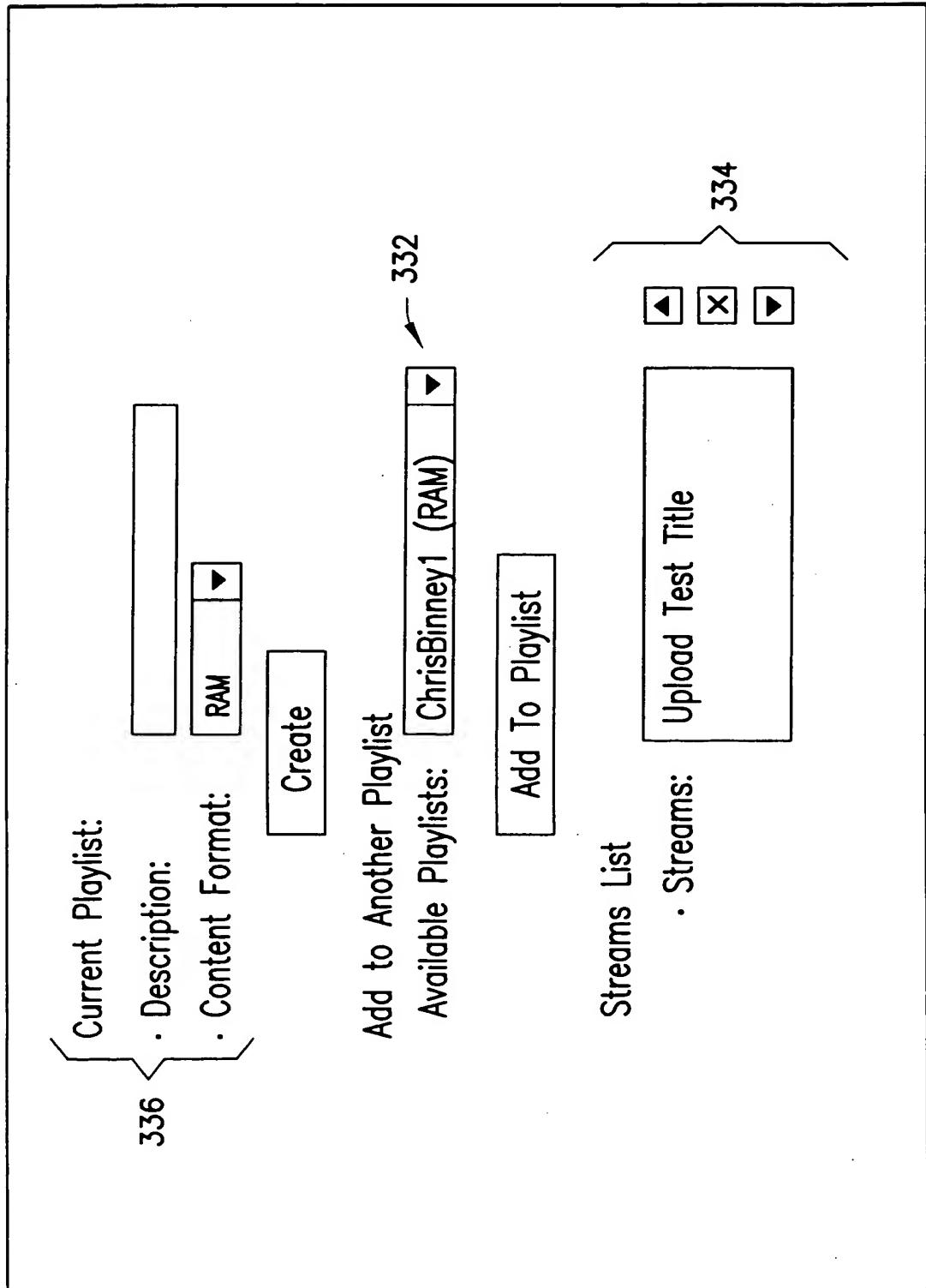


FIG.3i

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Content Management					
MANAGE CONTENT/ADMIN		BROWSE FTP CONTENT		BATCH UPLOADS	
UPLOAD NEW CONTENT				PLAYLISTS SEARCH RECYCLE	
Recycle Bin		<input type="checkbox"/> Select All		<input type="checkbox"/> Deselect All	
ID	Title	Type	Description	Deletion	
<input type="checkbox"/> 793769	<u>Secure Content Test</u>	WMT		5/8/01	
<input type="checkbox"/> 798500	<u>Ingest Test</u>	G2		5/8/01	
<input type="checkbox"/> 798536	<u>Ingest Test</u>	G2		5/8/01	
<input type="checkbox"/> 803442	<u>Test</u>	G2		5/8/01	
<input type="checkbox"/> 803583	<u>Ingest Test</u>	WMT		5/8/01	
<input type="checkbox"/> 805118	<u>FTP Ingest Test</u>	G2		5/8/01	
<input type="checkbox"/> 805124	<u>Ingest Test</u>	WMT		5/8/01	
<input type="checkbox"/> 805550	<u>Ingest Test</u>	G2		5/8/01	
<input type="checkbox"/> 818713	<u>AutoArchive HTTP</u>	G2		5/8/01	
<input type="checkbox"/> 818728	<u>AutoArchive Cross-Account Upload Test</u>	G2		5/8/01	
<input type="checkbox"/> 818735	<u>AutoArchive FTP</u>	G2		5/8/01	
<input type="checkbox"/> 818753	<u>AutoArchive Test for vbs script ingest.o</u>	G2		5/8/01	

FIG.3j

FIG.3j-1

FIG.3j-2

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<input type="checkbox"/>	818806	<u>AutoArchive HTTP</u>	G2	5/8/01
<input type="checkbox"/>	818809	<u>AutoArchive FTP</u>	G2	5/8/01
<input type="checkbox"/>	818815	<u>AutoArchiveTest for vbs script ingest.q</u>	G2	5/8/01
<input type="checkbox"/>	818819	<u>AutoArchive Cross- Account Upload Test</u>	G2	5/8/01
<input type="checkbox"/>	818856	<u>Ingest Test (BTumer)</u>	WMT	5/8/01
<input type="checkbox"/>	818858	<u>Another Upload Test (BT)</u>	G2	5/8/01
<input type="checkbox"/>	818861	<u>BT Test Again</u>	WMT	5/8/01
<input type="checkbox"/>	867345	<u>Ingest Test GSyed</u>	G2	5/8/01
<input type="checkbox"/>	867346	<u>Ingest Test GSyed</u>	G2	5/8/01
<input type="checkbox"/>	870081	<u>This is a test title</u>	G2	5/8/01
<input type="checkbox"/>	870173	<u>Bill T TitleTest</u>	G2	5/8/01
<input type="checkbox"/>	872066	<u>Ingest Test from FTP (injust004)</u>	G2	5/8/01
<input type="checkbox"/>	872096	<u>Ingest Test (direct on (injust004))</u>	G2	5/8/01
<input type="checkbox"/>	874436	<u>Scott SuseN's Test</u>	WMT Some Descreption	5/8/01
<input type="checkbox"/>	874472	<u>Ingest Test</u>	G2	5/8/01
<input type="checkbox"/>	874730	<u>Ingest Test</u>	WMT	5/8/01
<input type="checkbox"/>	875368	<u>Ingest Test</u>	WMT	5/8/01

FIG.3j-2

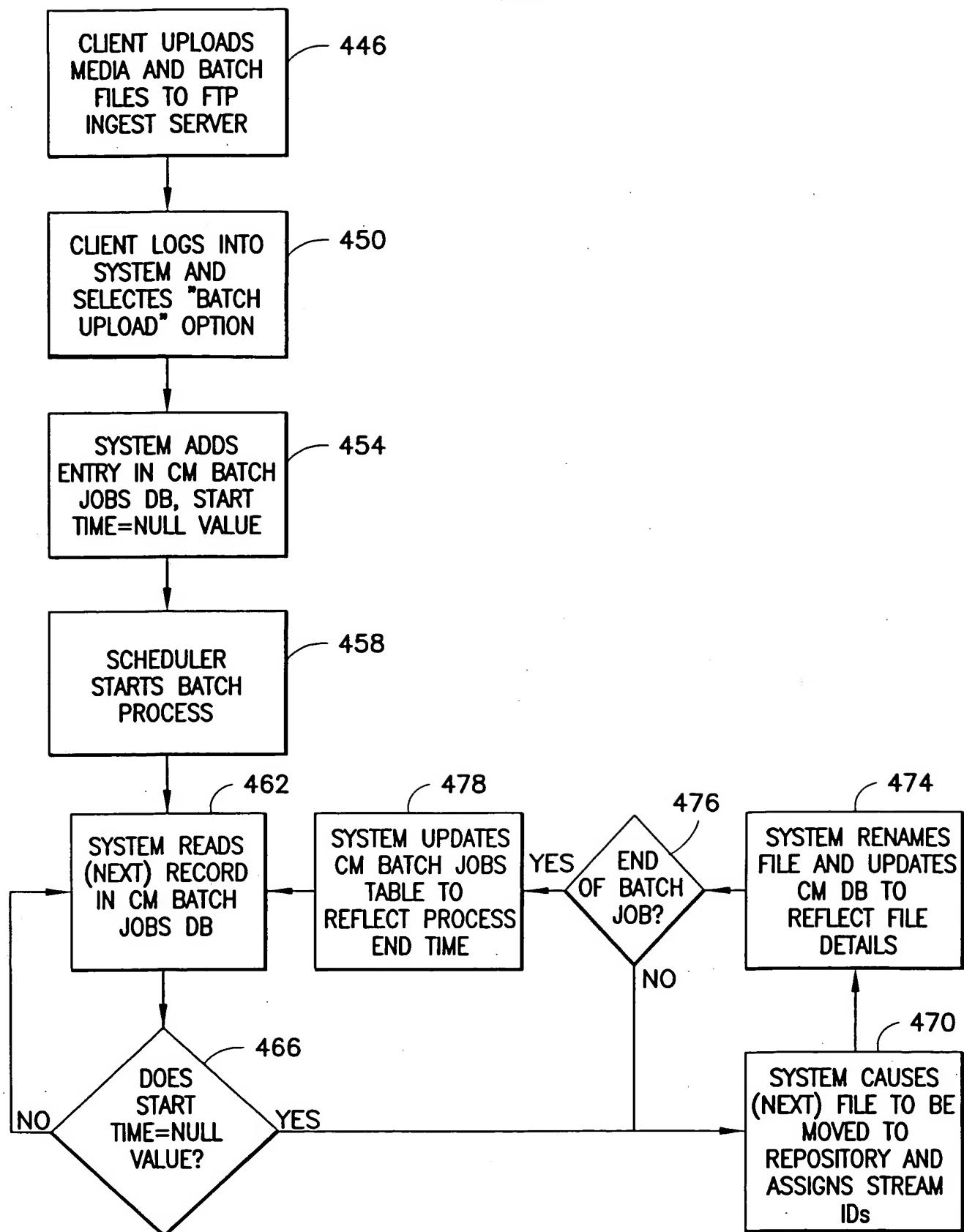


FIG.4a

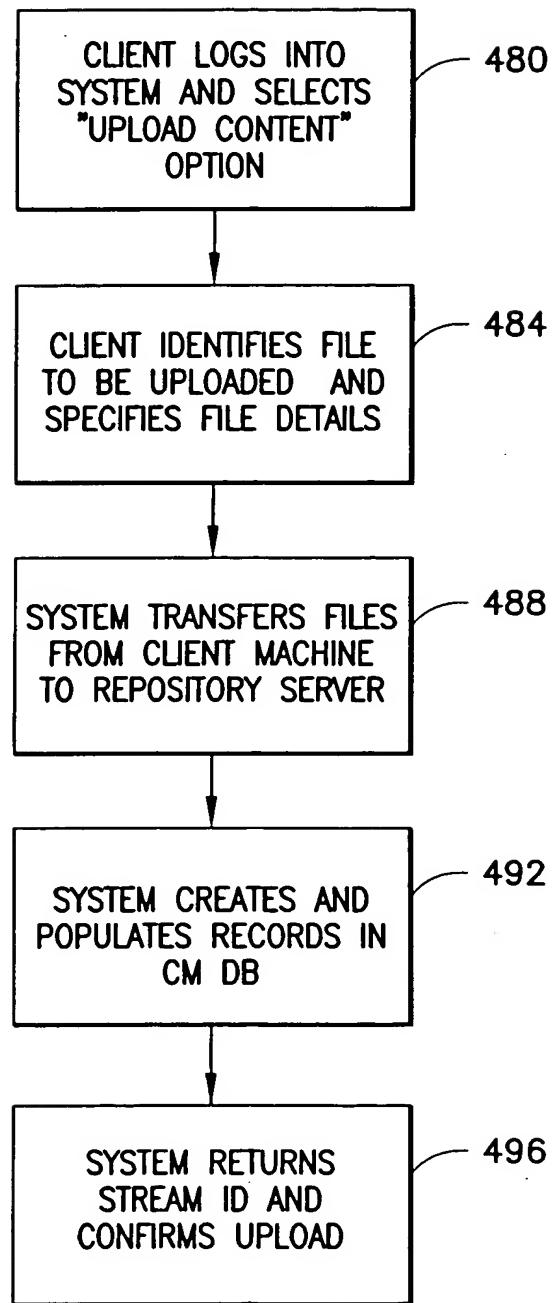


FIG.4b

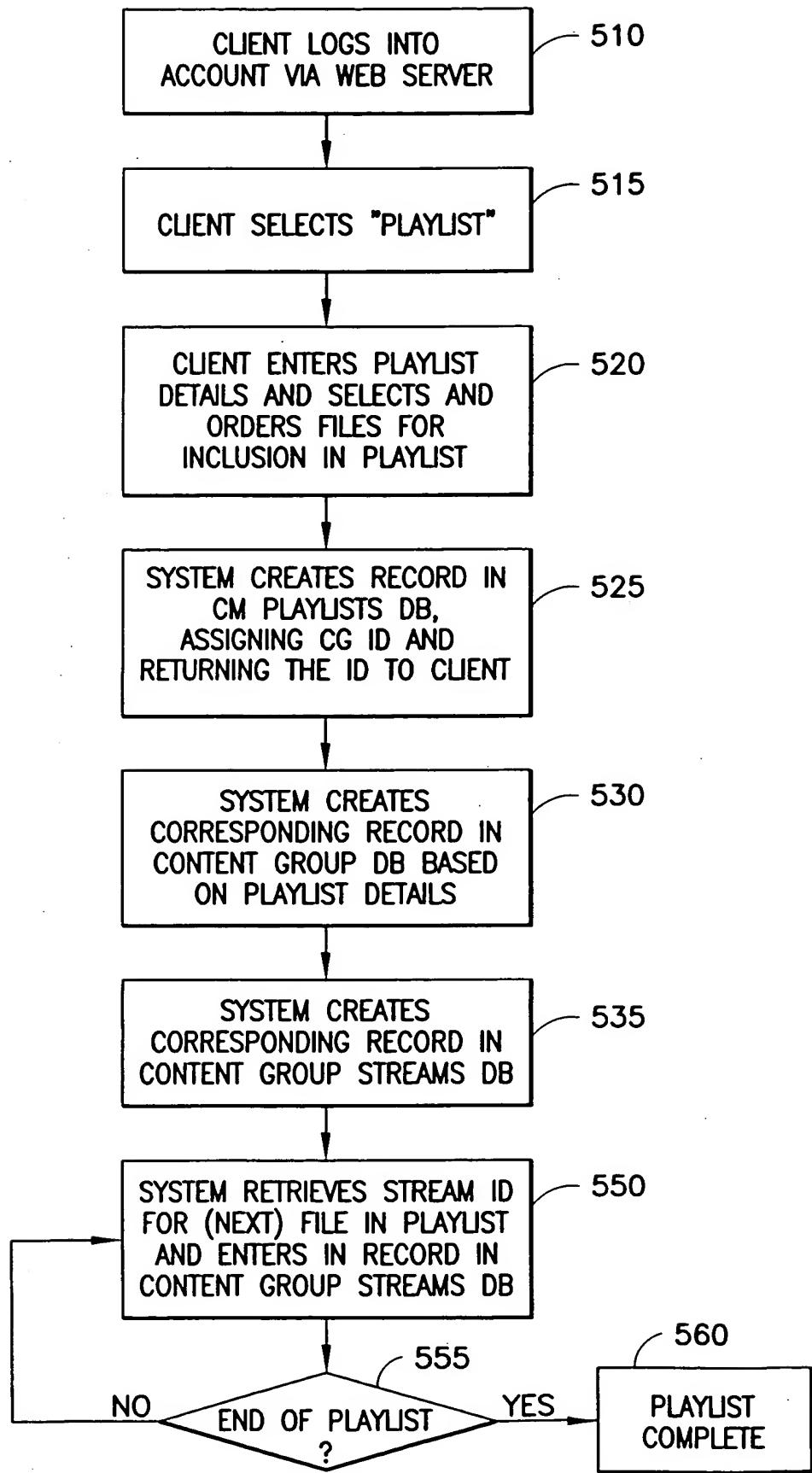
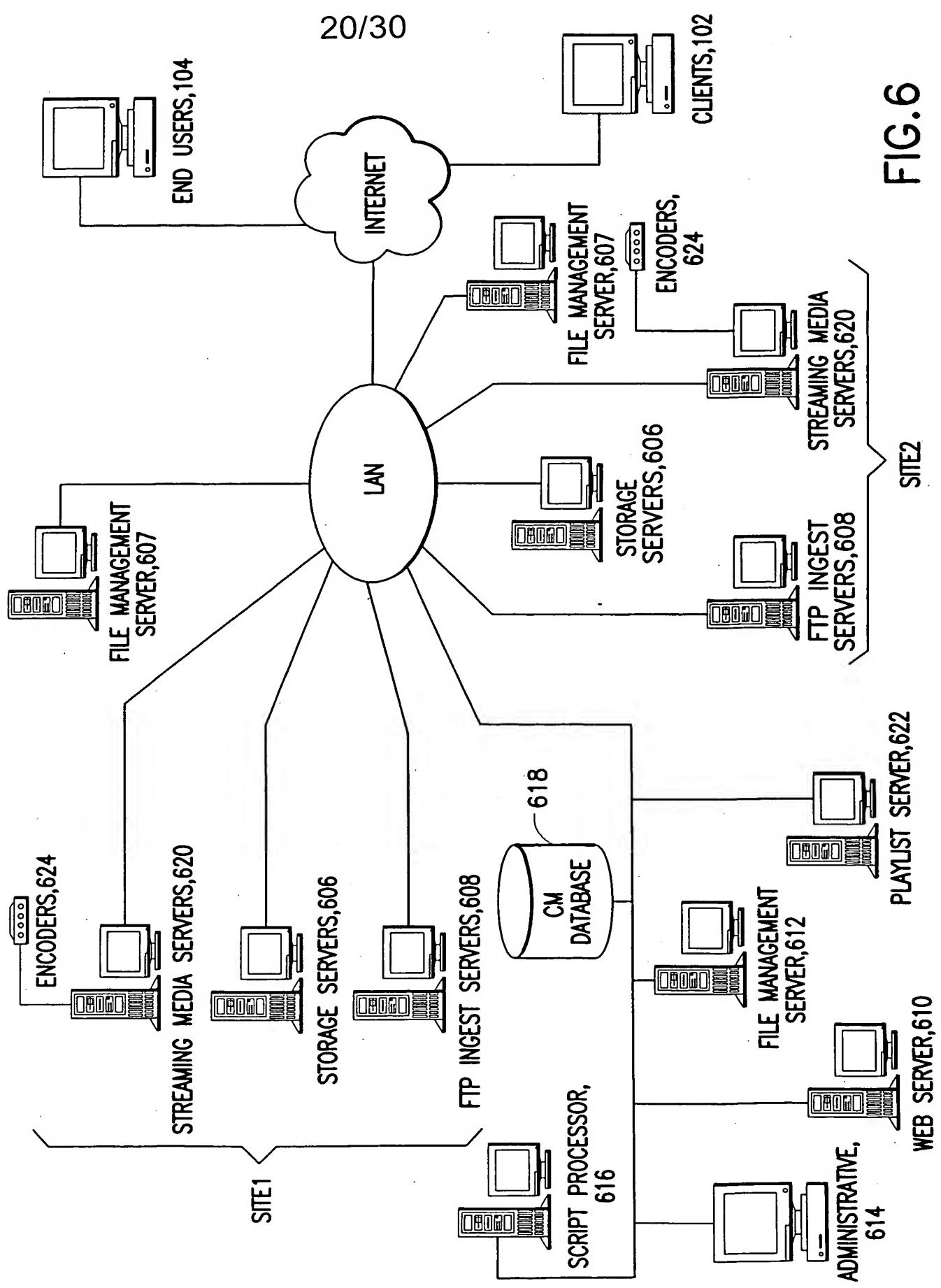


FIG.5

FIG. 6



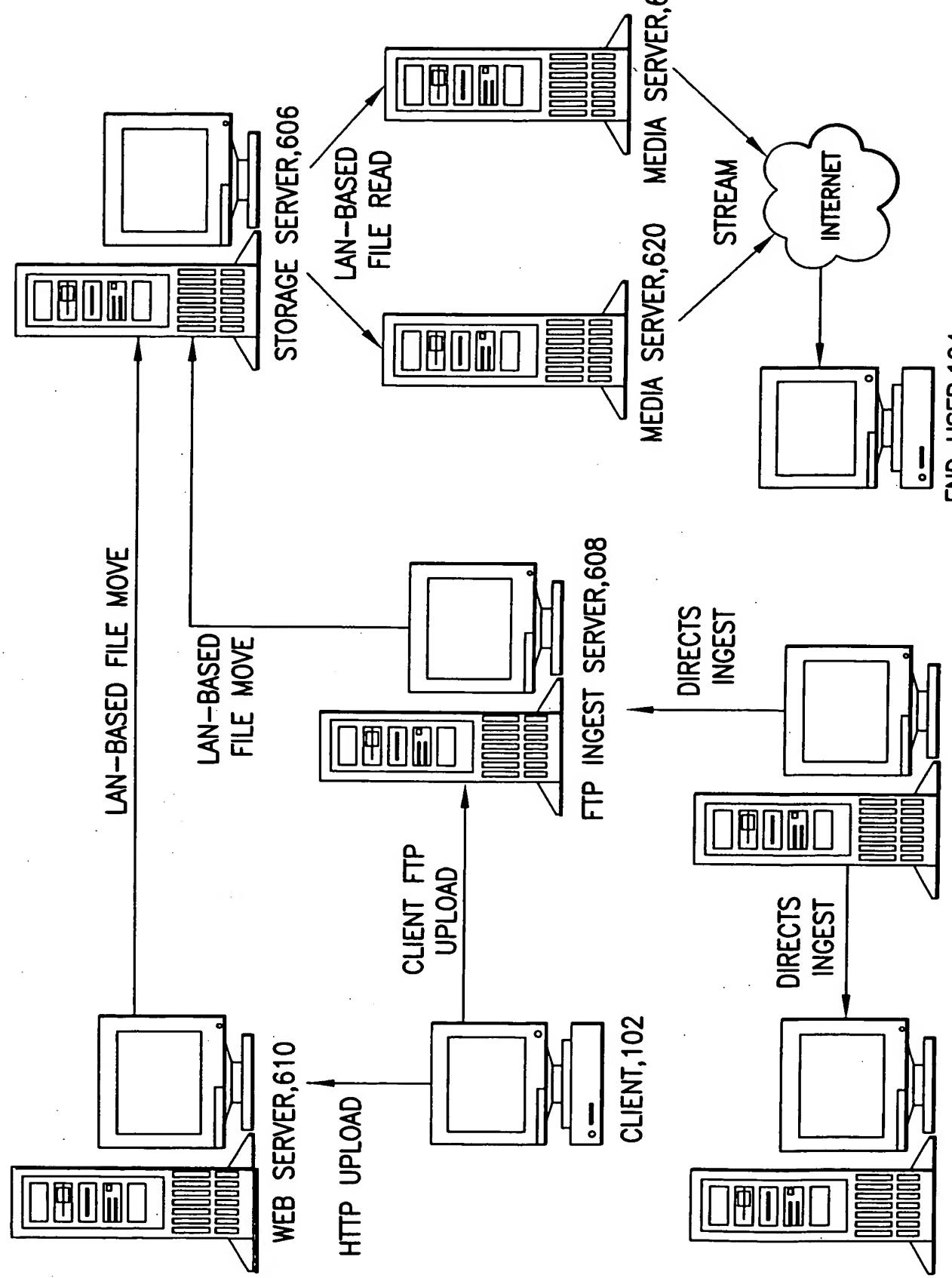


FIG.7

FILE MANIPULATION SERVER,612

IBM COMPATIBLE

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cm deleted accounts

## cm acct id	
## acct_cat_id (FK)	
A _b C acct name	
⌚ expiration date	
⌚ deletion date	
## parent acct id	

I:R
U:R

840

D:R
U:R

810

cm accounts

## cm acct id	
A _b C acct name (AK1.1)	D:R
A _b C acct directory (AK2.1)	U:R
A _b C user name (AK3.1)	
A _b C password	
A _b C contact email	
A _b C contact lname	
A _b C contact fname	
## max content kb	
A _b C has ftp acct	
## acct_cat_id (FK)	
A _b C default title	
A _b C default author	
A _b C allows secure	
A _b C default sec key	D:R
## default sec interval	U:R
## acct level	
## parent acct id (FK)	
## site id (FK)	
A _b C acct type	D:R
## cod client_id	U:R
A _b C salesman name	
A _b C salesman email	
A _b C contact phone	
A _b C contract ids	
A _b C setup username	
⌚ setup date	
A _b C status	
## default_stream_cat_id(FK)	I:R
## default exp interval	U:R
## total_kb_used	
## tz_id	

D:R D:R U:R I:R U:R

cm_account_categories

## acct_cat_id	D:R
A _b C name (AK1.1)	U:R

850

D:R
U:R

I:R
U:R

cm_account_accessors

## cm accessor id (FK)	I:R
## cm acct (FK)	U:R

D:C
U:R

I:R
U:R

852

D:R
U:R

854

cm accessors

## cm accessor id	
A _b C type	
A _b C name (AK1.1)	
A _b C user name (AK2.1)	
A _b C password	
A _b C directory (AK3.1)	
A _b C status	

FIG.8a

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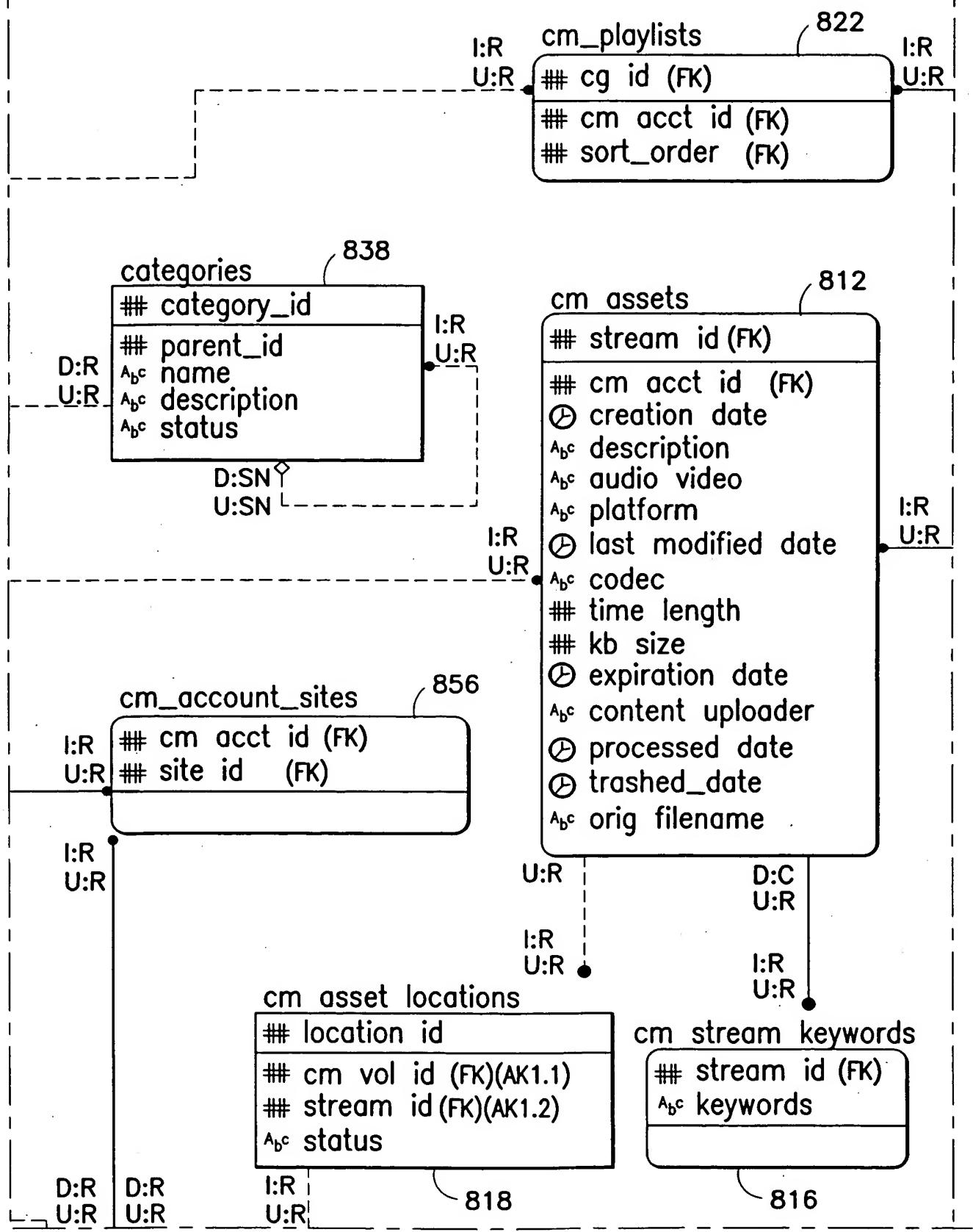


FIG.8b

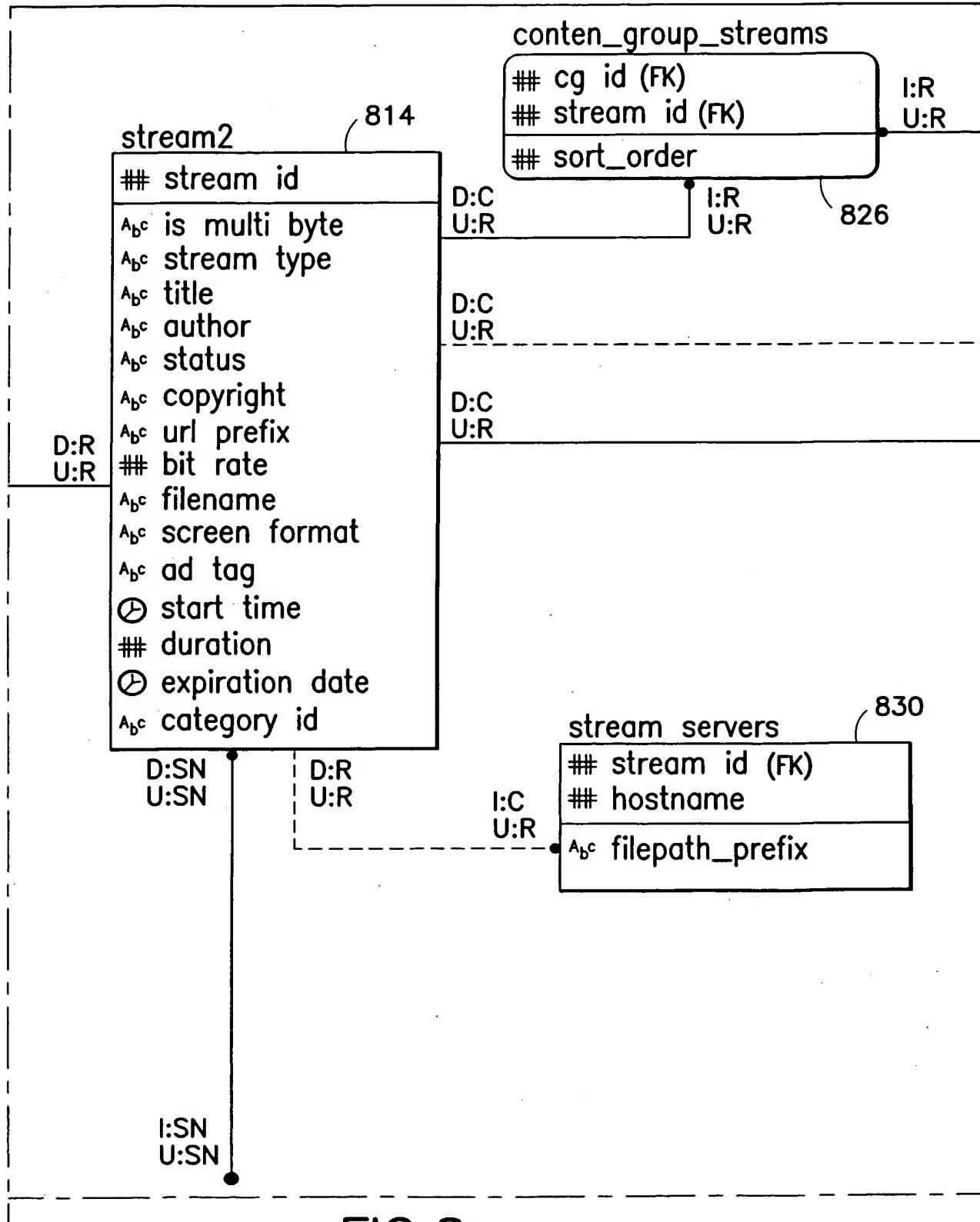


FIG.8c

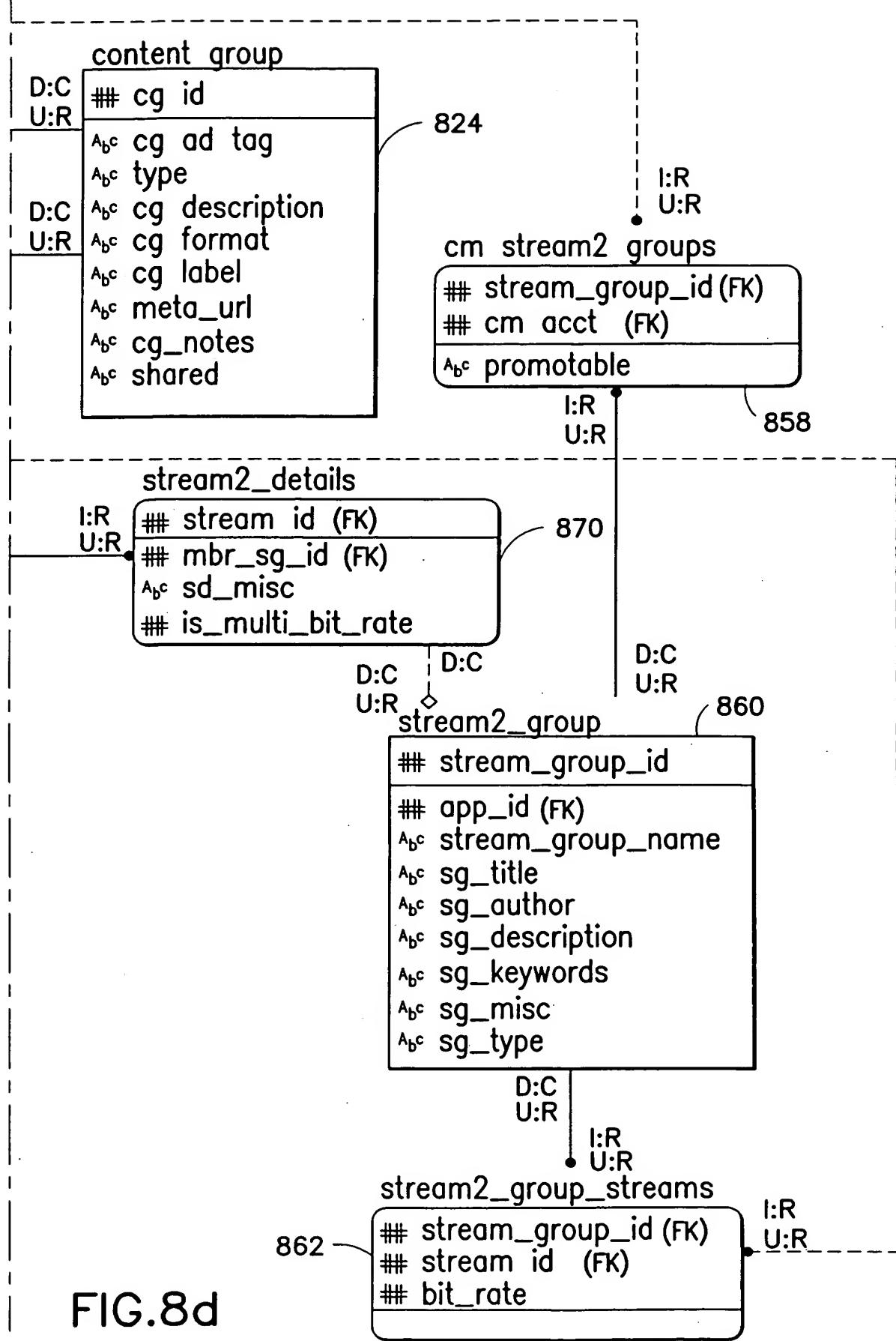


FIG.8d

cm_batch_jobs

```

## cm batch job id
## cm acct id (FK)(AK1.1)
AbC filename (AK1.2)
⊕ submit time (AK1.3)
⊕ process start time
⊕ process end time
AbC file removed

```

I:R
U:R

828

cm_deferred_delete

^{A_bC} server name	I:R
^{A_bC} share	U:R
^{A_bC} filename	
## site id (FK)	
## stream id	
⊕ submit date	
⊕ last attempted	
## attempts failed	

842

FIG.8

FIG.8a	FIG.8b	FIG.8c	FIG.8d
FIG.8e	FIG.8f	FIG.8g	

FIG.8e

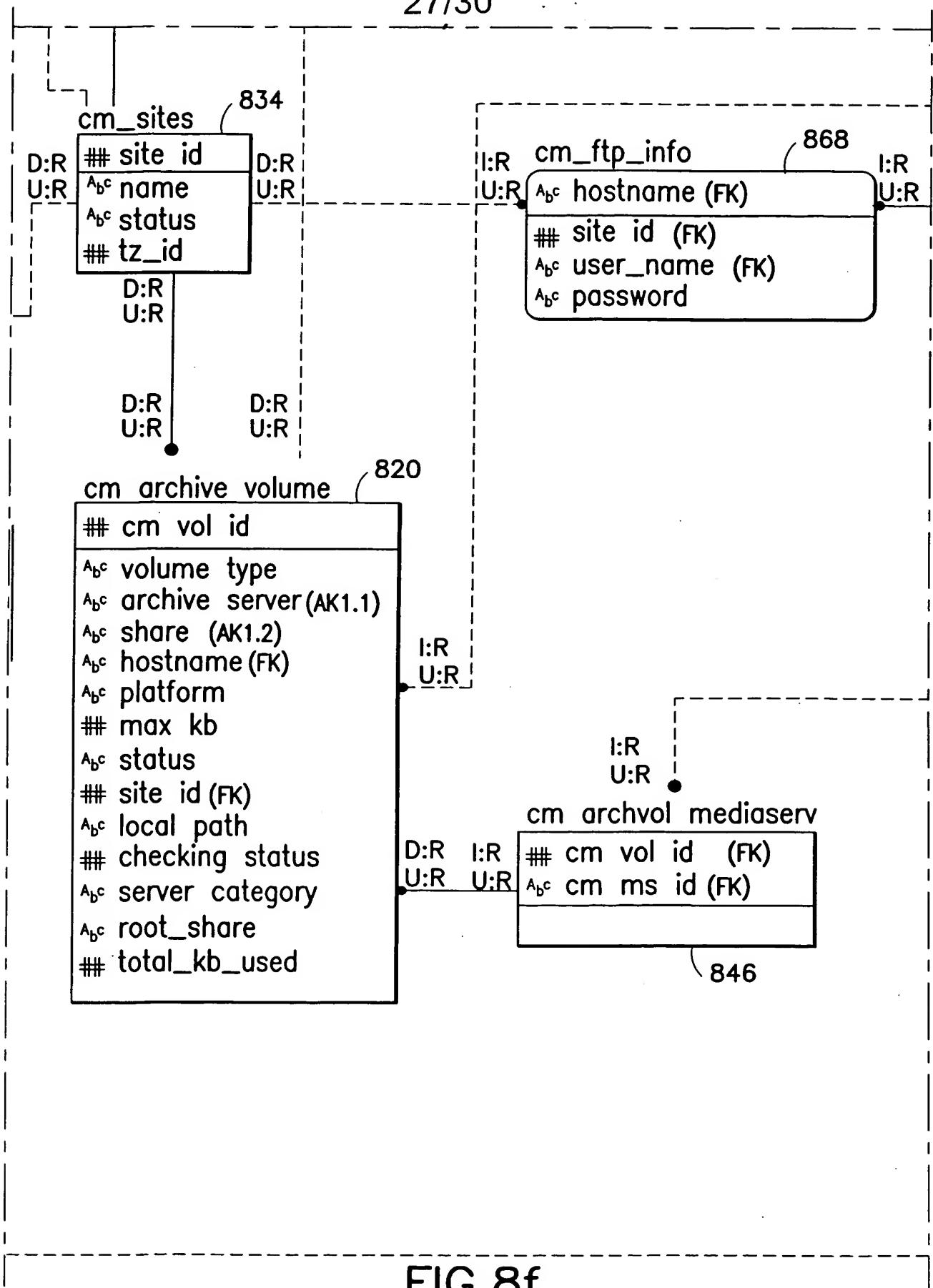


FIG.8f

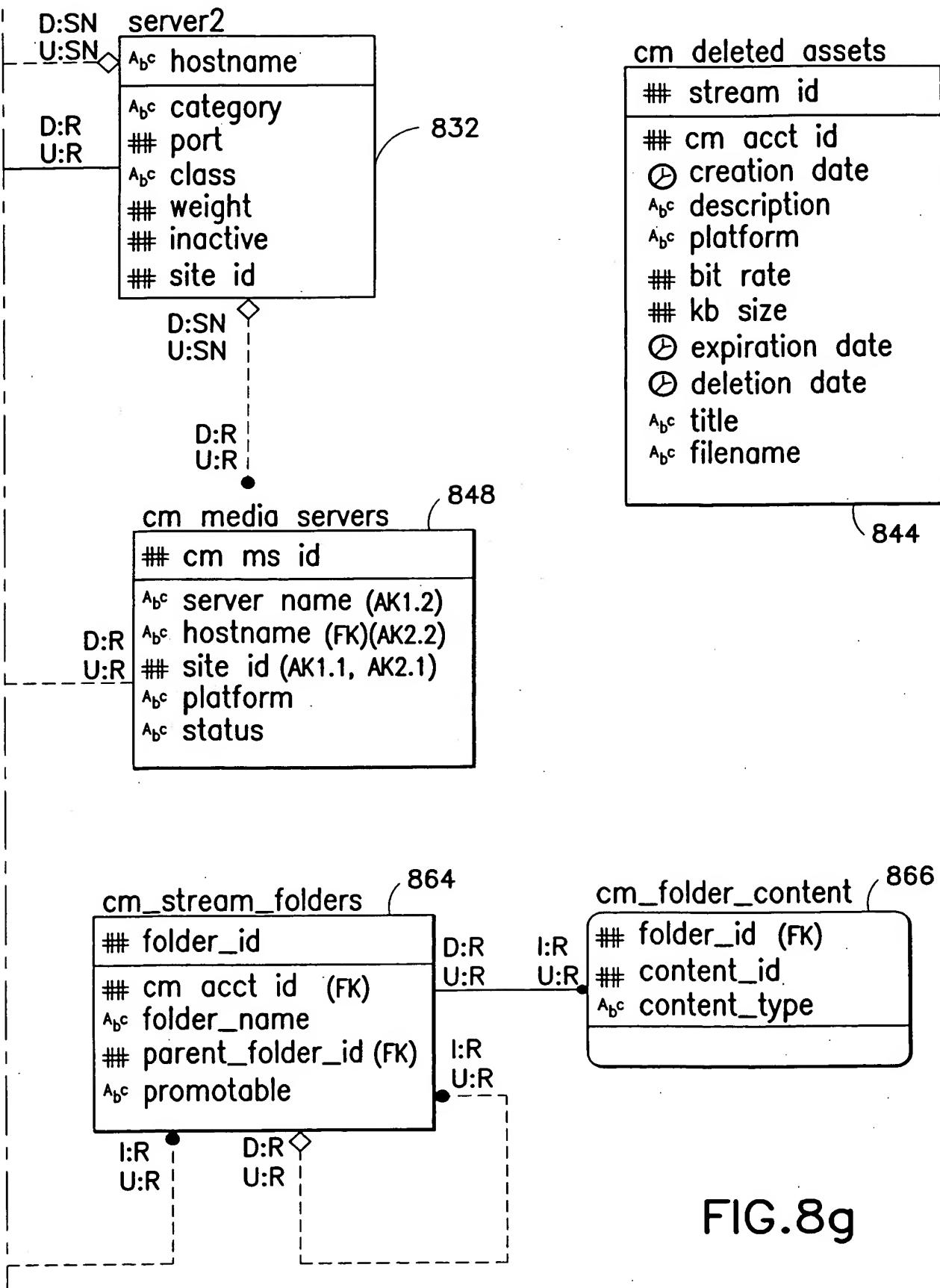


FIG.8g

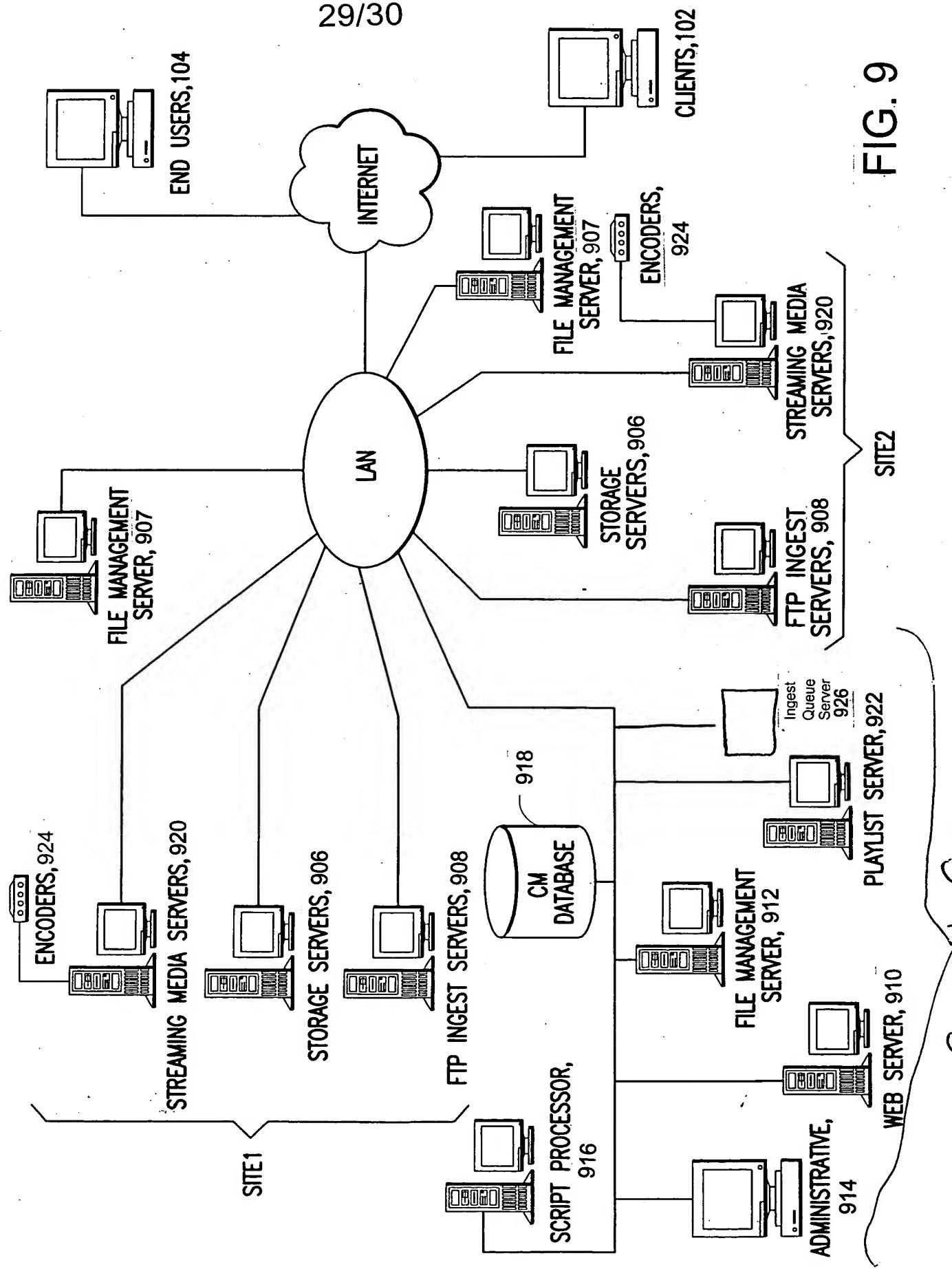


FIG. 9

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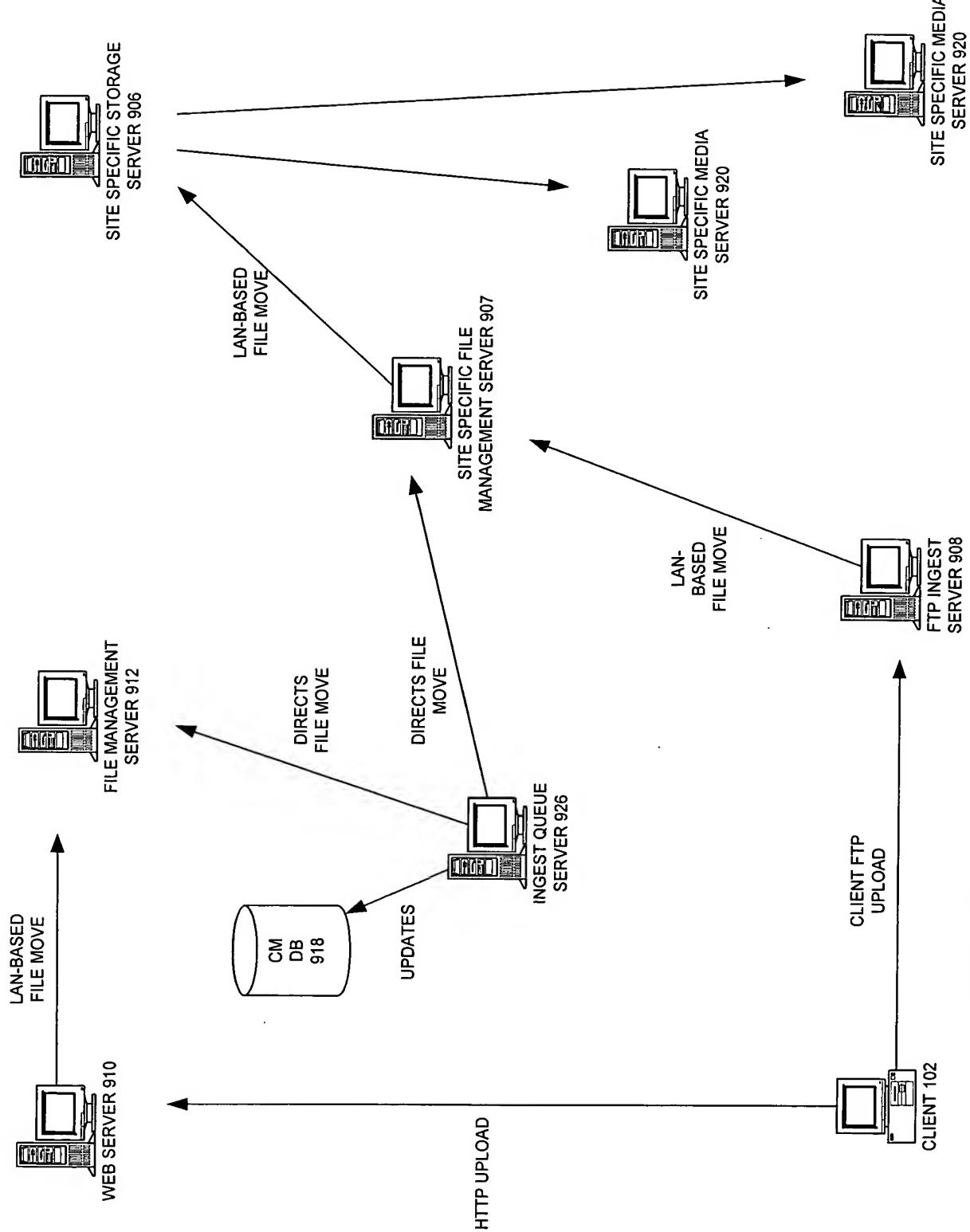


FIG. 10